

1               5. A composition as defined in claim 3, wherein said biologically active agent  
2 is selected from the group consisting of growth hormones, human growth hormones (hGH),  
3 recombinant human growth hormones (rhGH), bovine growth hormone, porcine growth hormones,  
4 growth hormone-releasing hormones, interferons,  $\alpha$ -interferon,  $\beta$ -interferon,  $\gamma$ -interferon,  
5 interleukin-1, interleukin-II; insulin, insulin-like growth factor(IGF), IGF-1, heparin, unfractionated  
6 heparin, heparinoids, dermatans, chondroitins, low molecular weight heparin, very low molecular  
7 weight heparin, ultra low molecular weight heparin, calcitonin, salmon calcitonin, eel calcitonin,  
8 human calcitonin, erythropoietin (EPO), atrial natriuretic factor, antigens, monoclonal antibodies,  
9 somatostatin, protease inhibitors, adrenocorticotropin, gonadotropin releasing hormone, oxytocin,  
10 leutinizing-hormone-releasing-hormone, follicle stimulating hormone, glucocerebrosidase,  
11 thrombopoietin, filgrastim, prostaglandins, cyclosporin, vasopressin, sodium chromoglycate,  
12 disodium chromoglycate, vancomycin, desferrioxamine (DFO), parathyroid hormone (PTH),  
13 fragments of PTH, antimicrobials, anti-fungal agents, analogs, fragments, mimetics and polyethylene  
14 glycol (PEG)-modified derivatives of these compounds; and any combination thereof.

1               6. A composition as defined in claim 3, wherein said biologically active agent  
2 is selected from the group consisting of human growth hormones (hGH), bovine growth hormone,  
3 growth hormone-releasing hormones, interferons, interleukin-1, interleukin-II, insulin, heparin, low  
4 molecular weight heparin, very low molecular weight heparin, calcitonin, erythropoietin (EPO),  
5 atrial natriuretic factor, antigens, monoclonal antibodies, somatostatin, adrenocorticotropin,  
6 gonadotropin releasing hormone, oxytocin, vasopressin, sodium chromoglycate, disodium  
7 chromoglycate, vancomycin, desferrioxamine (DFO), parathyroid hormone (PTH), antimicrobials,  
8 anti-fungal agents, and any combination thereof.

1               7. A composition as defined in claim 3, wherein said biologically active agent  
2 comprises an interferon, interleukin-II, insulin, heparin, low molecular weight heparin, very low  
3 molecular weight heparin, calcitonin, parathyroid hormone (PTH), erythropoietin (EPO), human  
4 growth hormone (hGH), oxytocin, vasopressin, vancomycin, desferrioxamine (DFO), parathyroid  
5 hormone, and combinations thereof.

1               8. A composition as defined in claim 3, wherein said biologically active agent  
comprises unfractionated heparin, ultra low molecular weight heparin, and combinations thereof.

1                           9. A composition as defined in claim 3, wherein said biologically active agent  
2 comprises insulin.

1                   10. A composition as defined in claim 3, wherein said biologically active agent  
2   comprises parathyroid hormone.

1                   11. A composition as defined in claim 3, wherein said biologically active agent  
2   comprises human growth hormone.

1                   12. A composition as defined in claim 3, wherein said biologically active agent  
2   comprises erythropoietin.

1                   13. A composition as defined in claim 2, wherein said carrier comprises a  
2 poly(amino acid) or a polypeptide.

14. A dosage unit form comprising

2 (A) a composition as defined in claim 2; and

3 (B) (a) an excipient

4 (b) a diluent,

5 (c) a disintegrant,

(d) a lubricant,

7 (e) a plasticizer

8 (f) a colorant,

9 (g) a dosing vehicle, or

10 (h) any combination thereof.

1                   15. A dosage unit form as defined in claim 13, wherein said active agent is  
2 selected from the group consisting of a biologically active agent, a chemically active agent, or a  
3 combination thereof.

16. A dosage unit form as defined in claim 14, wherein said biologically active

2 agent comprises at least one peptide, mucopolysaccharide, carbohydrate, or lipid.

1           17. A dosage unit form as defined in claim 14, wherein said biologically active  
2 agent is selected from the group consisting of growth hormones, human growth hormones (hGH),  
3 recombinant human growth hormones (rhGH), bovine growth hormone, porcine growth hormones,  
4 growth hormone-releasing hormones, interferons,  $\alpha$ -interferon,  $\beta$ -interferon,  $\gamma$ -interferon,  
5 interleukin-1, interleukin-II, insulin, insulin-like growth factor(IGF), IGF-1, heparin, unfractionated  
6 heparin, heparinoids, dermatans, chondroitins, low molecular weight heparin, very low molecular  
7 weight heparin, ultra low molecular weight heparin, calcitonin, salmon calcitonin, eel calcitonin,  
8 human calcitonin, erythropoietin (EPO), atrial natriuretic factor, antigens, monoclonal antibodies,  
9 somatostatin, protease inhibitors, adrenocorticotropin, gonadotropin releasing hormone, oxytocin,  
10 leutinizing-hormone-releasing-hormone, follicle stimulating hormone, glucocerebrosidase,  
11 thrombopoietin, filgrastim, prostaglandins, cyclosporin, vasopressin, sodium chromoglycate,  
12 disodium chromoglycate, vancomycin, desferrioxamine (DFO), parathyroid hormone (PTH),  
13 fragments of PTH, antimicrobials, anti-fungal agents, analogs, fragments, mimetics and polyethylene  
14 glycol (PEG)-modified derivatives of these compounds, and any combination thereof.

1           18. A dosage unit form as defined in claim 14, wherein said biologically active  
2 agent is selected from the group consisting of human growth hormones (hGH), bovine growth  
3 hormone, growth hormone-releasing hormones, interferons, interleukin-1, interleukin-II, insulin,  
4 heparin, low molecular weight heparin, very low molecular weight heparin, calcitonin, erythropoietin  
5 (EPO), atrial natriuretic factor, antigens, monoclonal antibodies, somatostatin, adrenocorticotropin,  
6 gonadotropin releasing hormone, oxytocin, vasopressin, sodium chromoglycate, disodium  
7 chromoglycate, vancomycin, desferrioxamine (DFO), parathyroid hormone (PTH), antimicrobials,  
8 anti-fungal agents, and any combination thereof.

1           19. A dosage unit form as defined in claim 14, wherein said biologically active  
2 agent comprises an interferon, interleukin-II, insulin, heparin, low molecular weight heparin, very  
3 low molecular weight heparin, calcitonin, parathyroid hormone (PTH), erythropoietin (EPO), human  
4 growth hormone (hGH), oxytocin, vasopressin, vancomycin, desferrioxamine (DFO), parathyroid  
5 hormone, and combinations thereof.

1               20. A dosage unit form as defined in claim 14, wherein said biologically active  
2 agent comprises unfractionated heparin, ultra low molecular weight heparin, and combinations  
3 thereof.

1               21. A dosage unit form as defined in claim 14, wherein said biologically active  
2 agent comprises insulin.

1               22. A dosage unit form as defined in claim 14, wherein said biologically active  
2 agent comprises parathyroid hormone.

1               23. A dosage unit form as defined in claim 14, wherein said biologically active  
2 agent comprises human growth hormone.

1               24. A dosage unit form as defined in claim 14, wherein said biologically active  
2 agent comprises erythropoietin.

1               25. A dosage unit form as defined in claim 13, comprising a tablet, a powder, a  
2 capsule, or a liquid.

1               26. A method for administering a biologically-active agent to an animal in need  
2 of said agent, said method comprising administering orally to said animal a composition as defined  
3 in claim 3.

1               27. A method for preparing a composition comprising mixing:  
2                   (A) at least one active agent;  
3                   (B) the compound of claim 1; and  
4                   (C) optionally, a dosing vehicle.